

**SPECIFICATION AMENDMENTS**

Please amend the specification in the above-identified application as set forth below.

On page 1, before the paragraph beginning on line 3, insert:

FIELD OF THE INVENTION

On page 1, before the paragraph beginning on line 6, insert:

BACKGROUND OF THE INVENTION

On page 1, before the paragraph beginning on line 19, insert:

SUMMARY OF THE INVENTION

On page 11, before the paragraph beginning on line 18, insert:

BRIEF DESCRIPTION OF THE DRAWINGS

On page 12, before the paragraph beginning on line 14, insert:

DESCRIPTION OF PREFERRED EMBODIMENTS

After page 24 of the specification, please add the following Abstract (also submitted on a separate sheet pursuant to 37 CFR 1.72):

A biochip comprising a substrate defining a plurality of fluid holding areas, the fluid holding areas separated by fluid separating elements for preventing mixing of fluids held in the fluid holding areas until the application of pressure to one or more of the fluids.